

Author index to volume 90

Abrashkevich, A.G., D.G. Abrashkevich and M. Shapiro, HSTERM – A program to calculate potential curves and radial matrix elements for two-electron systems within the hyperspher-	
ical adiabatic approach	90 (1995) 311
Abrashkevich, D.G., see A.G. Abrashkevich	90 (1995) 311
Akemi, K., Ph. deForcrand, M. Fujisaki, T. Hashimoto, H.C. Hege, S. Hioki, O. Miyamura, A. Nakamura, M. Okuda, I.O. Stamatescu, Y. Tago and T. Takaishi, Quantum chromody-	
namics simulations on a non-dedicated highly parallel computer	90 (1995) 201
Altevogt, P., see A. Linke	90 (1995) 66
Barone, L.M., R. Simonazzi and A. Tenenbaum, Molecular dynamics on APE100 Basios, V., N.A. Chekanov, B.L. Markovski, V.A. Rostovtsev and S.I. Vinitsky, GITA: A	90 (1995) 44
REDUCE program for the normalization of polynomial Hamiltonians	90 (1995) 355
Brugè, F., A mixed geometric-systolic approach to parallel molecular dynamics simulations	90 (1995) 59
Cacciari, M., G. Montagna, O. Nicrosini and F. Piccinini, SABSPV - A Monte Carlo	
integrator for small-angle Bhabha scattering	90 (1995) 301
Carjan, N., see T. Iitaka	90 (1995) 251
Cheb-Terrab, E.S. and K. von Bülow, A computational approach for the analytical solving of	
partial differential equations	90 (1995) 102
Chekanov, N.A., see V. Basios	90 (1995) 355
DeForcrand, Ph., see K. Akemi	90 (1995) 201
Fernández-Varea, J.M., see F. Salvat	90 (1995) 151
Flitney, A.P., see M. Rossi	90 (1995) 189
Fuentes, N.O. and H.O. Gavarini, ECMC, a portable two-dimensional code for plasma	
equilibrium computation on coaxial-multiple-coil systems	90 (1995) 169
Fujisaki, M., see K. Akemi	90 (1995) 201
Gavarini, H.O., see N.O. Fuentes	90 (1995) 169
Gibbs, M.J. and B.R. Webber, HERBVI - a program for simulation of baryon and lepton	
number violating processes	90 (1995) 369
Haerle, R., R. Haydock and R.L. Te, Estimating average densities of states for disordered	
systems	90 (1995) 81
Hashimoto, T., see K. Akemi	90 (1995) 201
Haydock, R., see R. Haerle	90 (1995) 81
Heermann, D.W., see A. Linke	90 (1995) 66

Hara H.C. and V. Alrami	00 (100 =	
Hege, H.C., see K. Akemi Hennecke, M., A Fortran 90 interface to random number generation	90 (1995)	
Hewett, D.W., see D.J. Larson	90 (1995)	
Hioki, S., see K. Akemi	90 (1995)	
HIORI, S., SEE R. ARCHII	90 (1995)	201
Iitaka, T., N. Carjan and D. Strottman, Stability of the symmetric multistep methods for the		
time-dependent Schrödinger equation	90 (1995)	251
Ikonić, Z., see D. Indjin	90 (1995)	
Indjin, D., G. Todorović, V. Milanović and Z. Ikonić, On numerical solution of the		
Schrödinger equation: the shooting method revisited	90 (1995)	87
Iqbal, M., On regularized numerical inversion of Mellin transform	90 (1995)	
Kazeminezhad, F., S. Zalesak and D. Spicer, A particle model on an unstructured mesh	90 (1995)	267
Kröger, S. and M. Kröger, A program to compute the angular coefficients of the relativistic	90 (1993)	207
one-electron hyperfine structure parameters	90 (1995)	381
Kröger, M., see S. Kröger	90 (1995)	
	(,	
Langdon, A.B., see D.J. Larson	90 (1995)	260
Larson, D.J., D.W. Hewett and A.B. Langdon, Correction factors for PIC accumulation on		
radial grids	90 (1995)	260
Lenz, S. and H. Mall, A Monte Carlo approach to zero energy quantum scattering	90 (1995)	215
Linke, A., D.W. Heermann and P. Altevogt, Simulating very large Ising systems for short		
timescales	90 (1995)	66
Mall, H., see S. Lenz	90 (1995)	215
Markovski, B.L., see V. Basios	90 (1995)	355
Milanović, V., see D. Indjin	90 (1995)	87
Miyamura, O., see K. Akemi	90 (1995)	201
Montagna, G., O. Nicrosini and F. Piccinini, WWGENPV - A Monte Carlo event generator		
for four-fermion production in $e^+e^- \rightarrow W^+W^- \rightarrow 4f$	90 (1995)	141
Montagna, G., see M. Cacciari	90 (1995)	301
Nakamura, A., see K. Akemi	90 (1995)	201
Nicrosini, O., see G. Montagna	90 (1995)	
Nicrosini, O., see M. Cacciari	90 (1995)	
Ohl, T., Drawing Feynman diagrams with LaTeX and METAFONT	90 (1995)	340
Okuda, M., see K. Akemi	90 (1995)	
okudu, 171., see It. 7 kem	70 (1773)	201
Piccinini, F., see G. Montagna	90 (1995)	141
Piccinini, F., see M. Cacciari	90 (1995)	301
Prates Ramalho, J.P., see F.M.S. Silva Fernandes	90 (1995)	73
QCD_TARO Collaboration, K. Akemi	90 (1995)	201
Quartapelle, L. and M. Verri, On the spectral solution of the three-dimensional Navier-Stokes	, ,	
equations in spherical and cylindrical regions	90 (1995)	1
Rossi, M. and A.P. Flitney, Symbolic algebra and renormalization of gauge theories	90 (1995)	189
Rostovtsev, V.A., see V. Basios	90 (1995)	
	20 (1270)	

Sa, BH. and A. Tai, An event generator for the firecracker model and the rescattering in high	
energy pA and AA collisions LUCIAE version 2.0	90 (1995) 121
Salvat, F., J.M. Fernández-Varea and W. Williamson Jr., Accurate numerical solution of the	
radial Schrödinger and Dirac wave equations	90 (1995) 151
Seymour, M.H., Matrix-element corrections to parton shower algorithms	90 (1995) 95
Shapiro, M., see A.G. Abrashkevich	90 (1995) 311
Silva Fernandes, F.M.S. and J.P. Prates Ramalho, Hypervolumes in microcanonical Monte	
Carlo	90 (1995) 73
Simonazzi, R., see L.M. Barone	90 (1995) 44
Spicer, D., see F. Kazeminezhad	90 (1995) 267
Stamatescu, I.O., see K. Akemi	90 (1995) 201
Strottman, D., see T. Iitaka	90 (1995) 251
Szmytkowski, R., The relativistic multi-channel variable phase method for solving asymptotic	
equations in electron-atom and electron-ion scattering	90 (1995) 244
Tago, Y., see K. Akemi	90 (1995) 201
Tai, A., see BH. Sa	90 (1995) 121
Takaishi, T., see K. Akemi	90 (1995) 201
Taubmann, G., Improvement of the convergence of the linear variation method due to a	(
variation of the basis	90 (1995) 235
Te, R.L., see R. Haerle	90 (1995) 81
Tenenbaum, A., see L.M. Barone	90 (1995) 44
Todorović, G., see D. Indjin	90 (1995) 87
Verri, M., see L. Quartapelle	90 (1995) 1
Vinitsky, S.I., see V. Basios	90 (1995) 355
Von Bülow, K., see E.S. Cheb-Terrab	90 (1995) 102
Webber, B.R., see M.J. Gibbs	90 (1995) 369
Williamson Jr., W., see F. Salvat	90 (1995) 151
Zalesak, S., see F. Kazeminezhad	90 (1995) 267

Program index to volume 90

Atomic physics

ADBZ, HSTERM (Fortran, 6833 lines). HSTERM – A program to calculate potential curves and radial matrix elements for two-electron systems within the hyperspherical adiabatic approach, Abrashkevich, A.G., D.G. Abrashkevich and M. Shapiro

ADBV, Chfs (Fortran, 4508 lines). A program to compute the angular coefficients of the relativistic one-electron hyperfine structure parameters, Kröger, S. and M. Kröger

90 (1995) 381

Computational methods

ADBY, PDEtools (Maple, 5617 lines). A computational approach for the analytical solving of partial differential equations, Cheb-Terrab, E.S. and K. von Bülow 90 (1995) 102

ADBV, Chfs (Fortran, 4508 lines). A program to compute the angular coefficients of the relativistic one-electron hyperfine structure parameters, Kröger, S. and M. Kröger 90 (1995) 381

ADBP, RADIAL (Fortran, 6343 lines). Accurate numerical solution of the radial Schrödinger and Dirac wave equations, Salvat, F., J.M. Fernández-Varea and W. Williamson Jr. 90 (1995) 151

ADCD, feynMF, Version 1.0 (LaTeX, METAFONT, 20847 lines). Drawing Feynman diagrams with LaTeX and METAFONT, Ohl, T. 90 (1995) 340

Computer algebra

ADBY, PDEtools (Maple, 5617 lines). A computational approach for the analytical solving of partial differential equations, Cheb-Terrab, E.S. and K. von Bülow 90 (1995) 102 ADBW, GITA (Reduce, 378 lines). GITA: A REDUCE program for the normalization of polynomial Hamiltonians, Basios, V., N.A. Chekanov, B.L. Markovski, V.A. Rostovtsev and S.I. Vinitsky 90 (1995) 355

Computer languages, hardware and software

ADBR, random-module (Fortran, 931 lines). A Fortran 90 interface to random number generation, Hennecke, M. 90 (1995) 117

Elementary particle physics

ADBS, LUCIAE VERSION 2 (Fortran, 41944 lines). An event generator for the firecracker model and the rescattering in high energy pA and AA collisions LUCIAE version 2.0, Sa,

B.-H. and A. Tai
ADBU, WWGENPV (Fortran, 2245 lines). WWGENPV – A Monte Carlo event generator for four-fermion production in e⁺e⁻ → W⁺W⁻ → 4f, Montagna, G., O. Nicrosini and F. Piccinini
ADCG, SABSPV (Fortran, 1724 lines). SABSPV – A Monte Carlo integrator for small-angle Bhabha scattering, Cacciari, M., G. Montagna, O. Nicrosini and F. Piccinini
ADBT, HERBVI (Fortran, 19596 lines). HERBVI – a program for simulation of baryon and lepton number violating processes, Gibbs, M.J. and B.R. Webber
90 (1995) 121
90 (1995) 301
90 (1995) 301

Plasma physics

ADBB, ECMC (Fortran, 1586 lines). ECMC, a portable two-dimensional code for plasma equilibrium computation on coaxial-multiple-coil systems, Fuentes, N.O. and H.O. Gavarini 90 (1995) 169